

## AMENDMENTS TO THE CLAIMS

Please amend Claims 1-3, 5-7, 9 and 10; and add new Claims 11-18 as follows.

### **LISTING OF CLAIMS**

1. (currently amended) A ventilation system for a vehicle, comprising:
  - a ventilating unit which performs a ventilation of a passenger compartment while the vehicle stops;
  - a non-contact temperature sensor which detects infrared rays radiated from a predetermined area of the passenger compartment and detects a surface temperature in the predetermined area in non-contact based on the detected infrared rays; and
  - [[a]] ventilation determining means ~~which determines~~ for determining whether the ventilation by the ventilating unit needs to be started based on the surface temperature detected by the non-contact temperature sensor.
2. (currently amended) The ventilation system according to claim 1, further comprising:
  - [[a]] reservation means ~~which reserves to perform~~ for reserving performance of the ventilation by the ventilating unit in advance.
3. (currently amended) The ventilation system according to claim 1, further comprising [[a]] distance determining means for determining a distance between a user and the vehicle, wherein:

the distance determining means determines an approach of the user to the vehicle based on the detected distance between the user and the vehicle when the detected distance between the user and the vehicle is smaller than a predetermined value; and

the ventilation determining means determines whether the ventilation by the ventilating unit needs to be started, when the distance determining means determines the approach of the user.

4. (original) The ventilation system according to claim 1, wherein the non-contact temperature sensor detects a surface temperature in the predetermined area including a seat in the passenger compartment in non-contact.

5. (currently amended) An air conditioner for a vehicle, comprising:  
an air conditioning unit which controls an air condition in a passenger compartment while the vehicle stops;

a non-contact temperature sensor which detects infrared rays radiated from a predetermined area of the passenger compartment and detects a surface temperature in the predetermined area in non-contact based on the detected infrared rays; and

[[an]] air-conditioning determining means ~~which—determines~~ for determining whether an air conditioning control by the air conditioning unit needs to be started based on the surface temperature detected by the non-contact temperature sensor.

6. (currently amended) The air conditioner according to claim 5, further comprising:

[[a]] selecting means ~~which selects~~ for selecting a level of the air condition controlled by the air conditioning unit in advance.

7. (currently amended) The air conditioner according to claim 5, further comprising [[a]] distance determining means for detecting a distance between a user and the vehicle, wherein:

the distance determining means determines an approach of the user to the vehicle based on the detected distance between the user and the vehicle when the distance between the user and the vehicle is smaller than a predetermined value; and

the air-conditioning determining means determines whether the air conditioning control by the air conditioning unit needs to be started, when the distance determining means determines the approach of the user.

8. (original) The air conditioner according to claim 5, wherein the non-contact temperature sensor detects a surface temperature in the predetermined area including a seat in the passenger compartment in non-contact.

9. (currently amended) A control system for controlling a vehicle ventilation system, the vehicle ventilation system including a ventilating unit for ventilating a passenger compartment while the vehicle stops, and a non-contact temperature sensor

for detecting infrared rays radiated from a predetermined area and determining a surface temperature of the predetermined area in non-contact based on the detected infrared rays, the control system comprising:

[[a]] determining means for determining whether a ventilating by the ventilating unit needs to be started based on the surface temperature detected by the non-contact temperature sensor.

10. (currently amended) A control system for controlling a vehicle air conditioner, the vehicle air conditioner includes an air conditioning unit for controlling air condition in a passenger compartment while a vehicle stops, and a non-contact temperature sensor for detecting infrared rays radiated from a predetermined area and determining a surface temperature of the predetermined area in non-contact based on the detected infrared rays, the control system comprising:

[[a]] determining means for determining whether an air conditioning control by the air conditioning unit needs to be started based on the surface temperature detected by the non-contact temperature sensor.

11. (new) The ventilation system according to claim 1, wherein the ventilation determining means determines whether a switch for giving permission to supply electric power to a driving equipment of the vehicle is switched off, and whether the ventilation needs to be started when the switch is switched off.

12. (new) The ventilation system according to claim 1, further comprising:

battery capacity determining means for determining whether capacity of a battery is larger than a predetermined level; and

ventilation starting means for starting the ventilation in the passenger compartment when the battery capacity determining means determines that the capacity of the battery is larger than the predetermined level and the ventilation determining means determines that the ventilation needs to be started.

13. (new) The ventilation system according to claim 5, wherein the air-conditioning determining means determines whether a switch for giving permission to supply electric power to a driving equipment of the vehicle is switched off, and whether the air conditioning control needs to be started when the switch is switched off.

14. (new) The air conditioner according to claim 5, further comprising:

battery capacity determining means for determining whether capacity of a battery is larger than a predetermined level; and

air-conditioning starting means for starting the air conditioning control in the passenger compartment when the battery capacity determining means determines that the capacity of the battery is larger than the predetermined level and the air-conditioning determining means determines that the air conditioning needs to be started.

15. (new) The control system according to claim 9, wherein the determining means determines whether a switch for giving permission to supply electric power to a

driving equipment of the vehicle is switched off, and whether the ventilation needs to be started when the switch is switched off.

16. (new) The control system according to claim 9, further comprising:

battery capacity determining means for determining whether capacity of a battery is larger than a predetermined level while the vehicle stops and a vehicle generator does not generate; and

ventilation starting means for starting the ventilation in the passenger compartment when the battery capacity determining means determines that the capacity of the battery is larger than the predetermined level and the determining means determines that the ventilation needs to be started.

17. (new) The control system according to claim 10, wherein the determining means determines whether a switch for giving permission to supply electric power to a driving equipment of the vehicle is switched off, and whether the air conditioning control needs to be started when the switch is switched off.

18. (new) The control system according to claim 10, further comprising:

battery capacity determining means for determining whether capacity of a battery is larger than a predetermined level while the vehicle stops and a vehicle generator does not generate; and

air-conditioning starting means for starting the air conditioning control in the passenger compartment when the battery capacity determining means determines

that the capacity of the battery is larger than the predetermined level and the determining means determines that the air conditioning needs to be started.